BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Satellite Town Sub Division, Electrical Division

Name of Work:- Installation of street light in Attur ward no 03Yelahanka New Town Sub Division

Budget Head :

Ward No.3 Estimate No:- For Rs.5,00,000.00

Sl.No.	Description of work	No	Dimension		Qty	Rate	Per	Amount
			L	D				
	LED STREET LIGHTS							
	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application.							

1 P.No 26 I.No. 4.35	Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II. 4.35.2) LED Streetlight 43watts						
			36	12384.00	Each	445824.00
2 P.No-108 I.No-17.5	Fixing halogen/metal halide/SVL/IL /LED floodlight fitting over existing pole/wall ceiling including clamps ,bolts ,nuts and wiring using suitable capacity wires complete .					
			36	176.00	Each	6336.00
3 P.No-108 I.No-17.1	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires. 17.1.2)Using 32mm dia G.I.pipe					
			36	893.00	Each	32148.00
	Bescom Deposit					15000.00

								692.00
	Miscellaneous							500000.00
	TOTAL							

(Rs Five lakhs only)

CERTIFICATE :-

1 The work spot has been inspected and the work is found necessary.

2 This estimate is prepared as per C.S.R. of 2015-16

3 The provisions were made in this estimate are necessary and adequate.

4 This works come under B.B.M.P.Dumping yard limits.

The estimate is based on KPWD (Ele) S.R.2014-15 Rates.

5 Effective from 1-08-2014 , BESCOM SR and KPWD (Ele) S.R.2010-11

Assistant Executive Engineer

Assistant Engineer

Executive Engineer
Yelahanka Division

Administrative Sanction for Rs. 5.00 Lakhs
Five Lakhs only
is accorded under head P. 1771 –
2015-16
Registered as CE No. Subject
to conditions contained in enclosed memo
No. EE/YNK/AM/57/15-16 2.1.16

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 5.00 Lakhs
Rupees Five Lakhs only
Under P. 1771 – 2015-16
Registered as CE ( ) No.
Subject to conditions contained in
enclosed memo EE ( ) No.
Dt.
EE/YNK/TS/74/15-16
Dated 2-1-16 5.00 Lakhs

Executive Engineer